

# PATENT COOPERATION TREATY

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PCT

## NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

MELIN, Linda  
Sandvik AB  
Intellectual Property  
S-811 81 Sandviken  
Sweden

Date of mailing (day/month/year)

23 August 2005 (23.08.2005)

Applicant's or agent's file reference

LM 12046 WO

International application No.

PCT/SE2004/001242

### IMPORTANT NOTIFICATION

International filing date (day/month/year)

27 August 2004 (27.08.2004)

1. The following indications appeared on record concerning:



the applicant



the inventor



the agent



the common representative

Name and Address

SANDVIK AB  
S-811 81 Sandviken  
Sweden

State of Nationality

SE

State of Residence

SE

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:



the person



the name



the address



the nationality



the residence

Name and Address

SANDVIK INTELLECTUAL PROPERTY HB  
S-811 81 Sandviken  
Sweden

State of Nationality

SE

State of Residence

SE

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:



the receiving Office



the International Searching Authority



the International Preliminary Examining Authority



the designated Offices concerned



the elected Offices concerned



other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

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Authorized officer

V. BLANC

Telephone No. (41-22) 338 9666

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001242

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B32B 15/18, B32B 15/20, C22C 9/10, C10G 75/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B32B, C22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP. 1199129 A2 (ENGINEERED MATERIALS SOLUTIONS, INC.), 24 April 2002 (24.04.2002)	1-6
A	--	7,8-9
X	WO 03014263 A1 (EXXONMOBIL RESEARCH AND ENGINEERING COMPANY), 20 February 2003 (20.02.2003)	1-6,8-9
A	--	7
A	GB 2066696 A (TOYO ENGINEERING CORPORATION), 15 July 1981 (15.07.1981)	1-9
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

17 November 2004

Date of mailing of the international search report

18-11-2004

Name and mailing address of the ISA/  
 Swedish Patent Office  
 Box 5055, S-102 42 STOCKHOLM  
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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001242

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5866743 A (HEYSE ET AL), 2 February 1999 (02.02.1999)</p> <p style="text-align: center;">-- -----</p>	1-9

## INTERNATIONAL SEARCH REPORT

Information on patent family members

30/10/2004

International application No.

PCT/SE 2004/001242

EP	1199129	A2	24/04/2002	JP	2002210589 A	30/07/2002
				US	6783870 B	31/08/2004
				US	20020066769 A	06/06/2002
-----						
WO	03014263	A1	20/02/2003	CA	2452097 A	20/02/2003
				EP	1412454 A	28/04/2004
				US	6737175 B	18/05/2004
				US	20030029528 A	13/02/2003
-----						
GB	2066696	A	15/07/1981	AU	6536780 A	18/06/1981
				BR	8008164 A	30/06/1981
				CA	1140162 A	25/01/1983
				CS	226024 B	19/03/1984
				DD	155140 A	19/05/1982
				DE	3046412 A	10/09/1981
				FR	2472035 A,B	26/06/1981
				IN	153575 A	28/07/1984
				JP	56081215 U	01/07/1981
				JP	56084789 A	10/07/1981
				JP	61002818 Y	29/01/1986
				PL	130430 B	31/08/1984
				PL	228425 A	07/08/1981
-----						
US	5866743	A	02/02/1999	US	RE38532 E	08/06/2004
				US	5849969 A	15/12/1998
				AU	6161094 A	15/08/1994
				CA	2153231 A	21/07/1994
				CN	1043037 B	21/04/1999
				CN	1119430 A	27/03/1996
				DE	69423875 D,T	03/08/2000
				DE	69433634 D	00/00/0000
				EP	0677034 A,B	18/10/1995
				EP	0962436 A,B	08/12/1999
				JP	3472577 B	02/12/2003
				JP	8505621 T	18/06/1996
				JP	2004051634 A	19/02/2004
				RU	2131406 C	10/06/1999
				SG	79910 A	17/04/2001
				WO	9415896 A	21/07/1994
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